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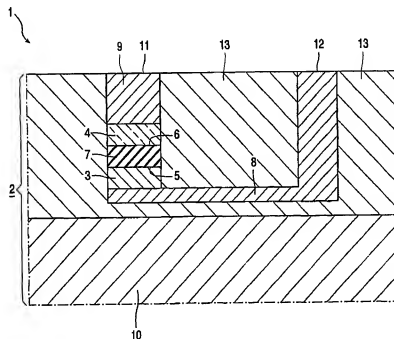
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(54) Title: ELECTRIC DEVICE COMPRISING PHASE CHANGE MATERIAL



(57) Abstract: The electric device (1, 100) has a body (2, 101) with a resistor (7, 250) comprising a phase change material being changeable between a first phase and a second phase. The resistor (7, 250) has an electric resistance which depends on whether the phase change material is in the first phase or the second phase. The resistor (7, 250) is able to conduct a current for enabling a transition from the first phase to the second phase. The phase change material is a fast growth material which may be a composition of formula  $Sb_{1-c}M_c$  with  $c$  satisfying  $0.05 \leq c \leq 0.61$ , and  $M$  being one or more elements selected from the group of Ge, In, Ag, Ga, Te, Zn and Sn, or a composition of formula  $Sb_bTe_aX_{100-(a+b)}$  with  $a$ ,  $b$  and  $100-(a+b)$  denoting atomic percentages satisfying  $1 \leq a/b \leq 8$  and  $4 \leq 100-(a+b) \leq 22$ , and  $X$  being one or more elements selected from Ge, In, Ag, Ga and Zn.

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